

## ABSTRACT

The present invention concerns a process for separation of a monomer including at least one double bond, hereafter referred to as "monomer," in particular (meth)acrylic acid, from a composition Z including this monomer and at least one impurity different to the monomer, including the steps of bringing into contact of the composition Z with an additive by forming a separation phase. The additive has a melting point of at most about 150 °C and a vapour pressure at a temperature of 20 °C of at most about 1 mbar. The monomer is then separated from the separation phase.

A device for producing a monomer, the use of additives in the separation of a monomer from a monomer-comprising composition, the monomer obtainable by the process according to the invention, chemical products comprising the monomer as well as the use of the monomer in or for production of chemical products.